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PATENTS

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
**Kim et al.** )  
)  
Serial No.: **10/620,477** ) Examiner: **Ghulamali, Qutbuddin**  
)  
Filed: **July 15, 2003** ) Art Unit: **2637**  
)  
For: **Adaptive Noise Filtering and** ) Confirmation No. **8614**  
**Equalization for Optimal High** )  
**Speed Multilevel Signal Decoding** )

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INFORMATION DISCLOSURE STATEMENT

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Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

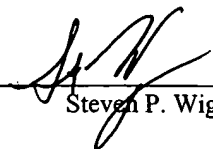
November 4, 2004

Sir:

The citation of information on the attached Form PTO-1449, "List of Art Cited by Applicant" is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each cited item is enclosed.

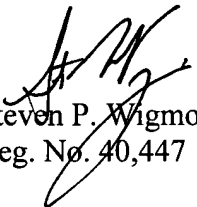
The undersigned certifies the following: That each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. To the knowledge of the undersigned, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this information disclosure statement. Specifically, these references were cited in a PCT application number PCT/US04/09136 on October 8, 2004.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 4, 2004.

  
\_\_\_\_\_  
Steven P. Wigmore, Reg. No. 40,447

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,



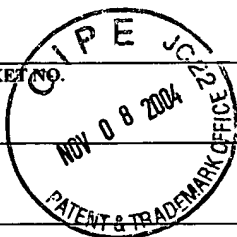
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K&S Docket: 07982.105018 US  
3615220

FORM PTO-1449, Adapted

**LIST OF INFORMATION DISCLOSED BY APPLICANT***(Use several sheets if necessary)*

ATTY. DOCKET NO. 07982.105018	SERIAL NO. 10/620,477	FILING DATE July 15, 2003
APPLICANT Kim et al.		GROUP 2637

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,617,135	4/1/1997	Noda et al.	348	12	9/2/1994
	AB	5,699,022	12/16/1997	Tovar, Oscar A.	333	18	2/9/1996
	AC	5,774,505	6/30/1998	Baugh, Richard A.	375	348	4/4/1996
	AD	5,978,417	11/2/1999	Baker et al.	375	232	9/13/1996
	AE	6,169,764 B1	1/2/2001	Babanezhad, Joseph N.	375	233	3/19/1998
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
	AN					YES	NO
	AO						

**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

AP		International Search Report dated October 8, 2004 from International Application No. PCT/US04/09136
AQ		

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	